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COFFEE ROASTERS  
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**WIRE FENCES AND GATES**  
The very best for every use.  
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Grass Linen and Pongee Waist  
Patterns  
**YEE CHAN & CO.**  
Corner King and Bethel Streets.

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Bethel St., bet.  
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Economize in everything—  
**Use White Wings.**  
At Your Grocer's.

**RE-TIRE AND SUPPLY CO.**  
GUARANTEE  
SATISFACTION.  
Corner Nuuanu and Pauahi Sts.

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Antiques and Chinese  
Merchandise.  
Nuuanu, above Pauahi.

Suggestions and designs for  
**RESETTING AND REMODELING OLD JEWELRY.**  
Gold and Platinum Settings.  
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Territorial Agents for—  
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Honolulu Iron Works Company

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TENTS AND AWNINGS.  
New Tents & Canopies for Rent  
Thirty Years' Experience.  
Fort St., near Allen, upstairs.  
Phone 1467.

**HAVE YOU HAD YOUR FEET**  
"PHOTOGRAPHED" YET?  
**REGAL BOOT SHOP**  
Fort and Hotel Streets

**PAPER**  
All kinds of Wrapping Papers and  
Twines, Printing and Writing Papers.  
**AMERICAN-HAWAIIAN PAPER & SUPPLY CO., LTD.**  
Fort and Queen Streets, Honolulu  
Phone 1410. Geo. G. Guild, Gen. Mgr.

**The HUB**  
for Clothes

**WIRELESS**  
**MUTUAL TELEPHONE CO., LTD.**  
**PACIFIC ENGINEERING COMPANY, LTD.**  
Consulting, Designing and Constructing Engineers.  
Bridges, Buildings, Concrete Structures, Steel Structures, Sanitary Systems, Reports and Estimates on Projects. Phone 1045.

**STEINWAY**  
Bargains in Other Pianos  
**PLAYER PIANOS.**  
**THAYER PIANO CO., LTD.**  
156 Hotel Street. Phone 2313.

**BY AUTHORITY.**  
**OFFICE OF THE BOARD OF HEALTH.**  
Honolulu, Hawaii, Dec. 7, 1915.  
**TENDERS FOR BEEF CATTLE.**  
Sealed tenders, endorsed "Tenders for Beef Cattle," will be received at the office of the Board of Health until 12 o'clock, noon, Monday, December 20, 1915, for supplying the Leper Settlement, Molokai, with beef cattle for the period of six months from January 1, 1916, to June 30, 1916.

All tenders must be submitted in accordance with and subject to the provisions and requirements of Chapter 100, Revised Laws 1915.  
Tenders must be accompanied by a certified check equal in amount to 5 per cent of the tender on the basis of 60 head per month weighing net, when dressed, 350 pounds each.  
For further information apply at the office of the Board of Health.  
The board does not bind itself to accept the lowest or any bid.

**THE BOARD OF HEALTH,**  
By its President,  
**J. S. B. PRATT, M. D.**  
6338-10t

**OFFICE OF THE BOARD OF HEALTH.**  
Honolulu, Hawaii, Dec. 7, 1915.  
**TENDERS FOR PURCHASE OF HIDES.**  
Sealed tenders endorsed "Tenders for Purchase of Hides," for the purchase of hides belonging to the Board of Health, for the period of six months from January 1, 1916, to June 30, 1916, will be received at the office of the Board of Health until 12 o'clock, noon, Monday, December 20, 1915.

Tenders must be for the price per pound for hides delivered on the wharf at Honolulu, on weights approved by an agent of the Board of Health.  
Payments required in U. S. Gold Coin immediately after delivery.  
The board does not bind itself to accept the highest or any bid.  
**THE BOARD OF HEALTH,**  
By its President,  
**J. S. B. PRATT, M. D.**  
6338-10t

**SEALED TENDERS.**  
Sealed tenders will be received by the Board of Harbor Commissioners until 2 o'clock p. m., of Friday, January 7, 1916, for furnishing and installing Electrical Equipment on Job No. H. C. 88-B and H. C. 88-MX for sugar handling machinery at Kulu Wharf, Hilo, Hawaii.  
Plans, specifications and blank forms of proposal are on file in the office of the Board of Harbor Commissioners, Capitol building, Honolulu, and with Mr. W. R. Hobby, Hilo, Hawaii.

The Board of Harbor Commissioners reserves the right to reject any or all tenders.  
(Signed) A. C. WHEELER,  
Acting Chairman, Board of Harbor Commissioners.  
6337-10t

**SEALED TENDERS.**  
Sealed tenders will be received by the Board of Harbor Commissioners until 2 o'clock p. m., of Monday, January 3, 1916, for Sugar Handling Machinery on Job No. H. C. 88-M, for Sugar Conveying System, Kulu Wharf, Hilo, Hawaii.  
Plans, specifications and blank forms of proposal are on file in the office of the Board of Harbor Commissioners, Capitol building, Honolulu, and with Mr. W. R. Hobby, Hilo, Hawaii.

The Board of Harbor Commissioners reserves the right to reject any or all tenders.  
(Signed) A. C. WHEELER,  
Acting Chairman, Board of Harbor Commissioners.  
6337-10t

**LEGAL NOTICES.**

**IN THE CIRCUIT COURT OF THE First Judicial Circuit, Territory of Hawaii.** At Chambers.—In Probate. In the matter of the estate of Susan C. Bertelmann-Kahilina, deceased.

**NOTICE TO CREDITORS.**  
The undersigned, C. M. Hite, the duly appointed and qualified administrator of the estate of Susan C. Bertelmann-Kahilina, deceased, hereby gives notice to all persons having claims against the estate of the said Susan C. Bertelmann-Kahilina, deceased, to present such claims, duly authenticated and with proper vouchers, if any exist, even though such claims be secured by mortgage of real estate, to the undersigned, at his office, Judiciary building, City and County of Honolulu, Territory of Hawaii, within six months from this date or within six months from the day they fall due, or such claims will be forever barred.  
And all persons indebted to said estate are hereby notified to make immediate settlement with the undersigned, administrator as aforesaid, at his said office.

Dated at Honolulu, this 1st day of December, A. D. 1915.  
**C. M. HITE,**  
Administrator of the estate of Susan C. Bertelmann-Kahilina, deceased.  
Thompson, Milverton & Cathcart, Rooms 2-12 Campbell block, Honolulu, attorneys for the said administrator.  
6334-Dec. 1, 8, 15, 22, 29.

**NOTICE TO CREDITORS.**

The undersigned, duly appointed administratrix of the estate of Albert George Kaiser, deceased, hereby gives notice to all persons having claims against said estate to present the same at her residence, No. 1401 Houghtaling road, Palama, in Honolulu, City and County of Honolulu, T. H., within six months from date or they will be forever barred. All persons owing said estate are requested to make immediate settlement with the undersigned at above address.  
Dated Honolulu, T. H., Nov. 23, 1915.  
**MRS. ELIZA H. KAISER,**  
Administratrix Estate Albert George Kaiser, deceased.  
6328-Nov. 24, Dec. 1, 8, 15, 22.

Vincent Astor had his pocket picked of his wallet containing \$230 in cash and valuable papers as he left the Belasco theater the other day.

**Home Course in Advertising**  
To be Conducted in this Paper by Alex F. Osborn, Instructor in Advertising, Buffalo YMCA High School  
**IN 90 CHAPTERS**  
**A CHAPTER A DAY**



FOR THE MERCHANTILE MAN FOR THE MANUFACTURER FOR THE AMBITIOUS YOUTH

**PURPOSES OF THE COURSE—**(1) To increase returns for the retailer who now advertises. (2) To show the non-advertising retailer how he can lower his prices, yet increase his profits. (3) To suggest to the jobber and manufacturer a cautious method to create demand and increase good-will. (4) To prepare the person with latent advertising ability for a place in this new "profession."

This course, when delivered personally to a class of students, costs \$15. It is equivalent to a correspondence course which costs \$95. The entire 90 lessons will be given exclusively with this newspaper free of charge.

**CHAPTER XXI.**  
**A FEW PRINTING PROCESSES.**

After you have prepared your "dummy" and have determined on the kind of type and style of stock to be used, you must decide what kind of printing you desire. The usual process is that of pressing the metal type and plates against the paper. If this form, comprising the composition in combination with the plates, is left flat and pressed against the stock in that way, then the process is known as the flat-bed or letterpress method.

Of course you have nothing to say as to the style of printing which will be given your layout of an advertisement for inclusion in a publication. You must be content with the process they use and with the colors they employ in the making of their printed product. With the big newspapers, this process will be a modernized form of the letterpress method. In other words, the metal form from which the impression is to be made, will be transferred on to a cylindrical metal mold. Therefore, the printing will be done from a cylinder instead of from a flat form.

Usually, the ordinary letterpress style of printing is the kind you want, but when it comes to duplicating a piece of advertising by the hundreds of thousands, lithography may be the most economical method to use. As the term "litho" implies, the main feature of this science is a stone, on to which the picture and type matter are transferred. This stone then becomes the printing plate against which the paper is pressed.

Lithographic stones are of a peculiar composition. Most of these are imported from Bavaria. By keeping the stone wet during the printing process, all of its surface except that which has been etched (by the transfer of picture and type), keeps damp and thereby repels the oily ink. Consequently, when the stone passes against the ink roller, only the surface which is to make an impression on the paper takes any of the ink, for the unetched part of the stone stays wet and refuses to take the ink.

Lithography is cheapest on labels and such small multi-colored pieces of printed matter which must be duplicated by the million. In these cases, the big stones can contain dozens of reproductions of the design for the label or whatever the subject may be. Therefore, a great big sheet can be printed in one impression. This, when cut up, will furnish hundreds or more labels.

If you will look at a piece of printed matter that has been done by lithography, you will notice a little cross. This is what is called the register mark. It is simply there to make sure that the colors, which are put on in different impressions, are put on accurately. For instance, you have noticed how, in poor lithography, a human face will bear a flesh color which does not quite reach the edge on one side and which laps over beyond the outline of the face on the other side. This is what comes from inaccurate registering of the plates.

A new method, which is apparently gaining popularity with those who want distinctive printing is called the "offset." This is accomplished either through lithography or in regular printing. The idea is that the stone or the printing form makes its impression on a sort of rubber blanket, which in turn makes its impression on the paper. The result is a very soft effect which resembles a watered silk.

The offset process also makes possible the use of rough papers to take the finest screen half-tones. The reason for this is that the rubber blanket in making its impression on the paper, will minutely conform to all the microscopic crevices in the paper, no matter how rough, whereas the half-tone plate itself—being pliable—would only impress its likeness on the high spots or upstanding parts of the rough surface.

**PROPHESIES WINTER OF BITTER COLD ON EUROPE'S BATTLEFRONTS**

PARIS.—Predictions that the winter will be very severe have inspired comparisons between the German campaign in Russia and Napoleon's Russian campaign of 1812.  
Abbe Moreaux of the Bourges observatory points out that a curve indicating the European localities where the average temperature in January is zero Centigrade or 32 above zero Fahrenheit would pass along the coast of Norway, protected by the Gulf Stream from greater cold, ascend abruptly along the west coast of Denmark, and follow a line considerably westward from Berlin, turning eastward in the region of Trieste to the Black and Caspian seas. Another curve marking a zone where the average temperature is 14 degrees above zero Fahrenheit would comprise Berlin, Vilna, Riga, Dvinsk, Moscow and Petrograd. To make up this average, however, zones of greater cold are comprised, the maximum at Petrograd being 38 below zero and at Moscow 47 below zero Fahrenheit.  
Examining the situation from a meteorological point of view, Abbe Moreaux finds confirmation of the predictions of naturalists in reviewing the natural return of periods of extreme cold in the past. We are approaching, in his opinion, a period of cold winters and he thinks that the German soldiers may experience the same vicissitudes as those that cost Napoleon 450,000 men from the "Grand Army."

## YARDS BUSY WITH WAR VESSELS IN BRITAIN

A decrease in the number of merchant vessels under construction in British shipbuilding yards in the quarter which closed recently, is shown in figures compiled by Lloyd's Register, according to the Coast Seamen's Journal, which says:  
"The returns compiled by Lloyd's Register show that, excluding warships, there were 432 merchant vessels of 1,536,177 tons gross, under construction in the United Kingdom at the close of the quarter ended September 30, against 486 vessels, with a gross tonnage of 1,723,550 tons twelve months ago, and 442 vessels of 1,506,925 tons gross at the end of the June quarter."

"The rate of progress in merchant ship construction is very much reduced in the present circumstances, and the immediate output will be considerably less than that which would be obtained under normal conditions. During last quarter, 71 vessels were commenced and 66 were launched.  
"It is reported, however, that the British government has decided to allow builders more freedom in the construction of merchant work, so that in the next return a large increase may be expected."

## MOVEMENTS OF MAIL STEAMERS

**VESSELS TO ARRIVE**  
Thursday, Dec. 9.  
Maui—Claudine, I. I. str.  
Friday, Dec. 10.  
Sydney—Makura, C. A. str.  
Saturday, Dec. 11.  
Hilo—Mauna Kea, I. I. str.

**VESSELS TO DEPART**  
Thursday, Dec. 9.  
Kauai—W. G. Hall, I. I. str.  
Friday, Dec. 10.  
Vancouver—Makura, C. A. str.  
Maui—Claudine, I. I. str.  
Saturday, Dec. 11.  
Hilo—Mauna Kea, I. I. str.

## MAILS

Mails are due from the following points as follows:  
San Francisco—Sierra, Dec. 13.  
Yokohama—Tenyo Maru, Dec. 20.  
Australia—Makura, Dec. 10.  
Vancouver—Makura, Dec. 29.  
Mail will depart for the following points as follows:  
San Francisco—Matsonia, Dec. 15.  
Yokohama—Chiyo Maru, Dec. 24.  
Australia—Sierra, Dec. 13.  
Vancouver—Makura, Dec. 10.

## TRANSPORT SERVICE

Logan, at coast.  
Thomas, at Manila.  
Sheridan—Stormbound at San Francisco.  
Dix, in port from Seattle.  
Warren, in the Philippines.  
Burford, at Cristobal.

## GIRL IS FULL OF NEEDLES AND DOCTORS BELIEVE SHE SWALLOWED WHOLE PACKET

DENVER, Colo.—An operation for appendicitis was performed one year ago on Miss Lucille von Reuau, 38 South Sherman street. A few days after the operation, the young woman felt a pain near the incision. A needle was projecting from her flesh. It was thought at first that the needle might have been one accidentally dropped into the wound when the surgeon was operating. The needle proved to be half of an ordinary sewing needle, however.

Miss von Reuau recently experienced a stinging pain in her right big toe. Examination showed the point of a needle sticking out of the toe. A physician was summoned and the little piece of steel was removed. It also was but half of a needle.

It was first thought that the second half needle taken from the toe would prove to be the other half of the needle found at first in the appendix. It could not have been, however, as both pieces bore points.  
The only explanation is that Miss von Reuau, when a child, must have swallowed a package of needles, although she does not recall it. Whether any more needles remain in the young woman's body is unknown. If these are, their presence is not making itself apparent to Miss von Reuau.

## FOUR-POUND POTATOES MAKE 15 TO THE BUSHEL ON A COLORADO FARM

GREELEY, Colo.—In this year of large potatoes two and a half and three-pound spuds have been quite common, but the largest and heaviest potatoes yet reported from the Greeley district, and which come near being the record for size, even during the good spud years of several years ago, were raised by Charles Mason on his ranch north of Greeley, eight of which are now on exhibition in the show window of a local store on Eighth street. These eight potatoes weigh just a trifle over thirty-two pounds, or four pounds each, making them run only fifteen potatoes to the bushel. These come from a patch that ran more than 150 sacks to the acre of good, smooth, marketable potatoes in which there was not the slightest trace of scab or disease of any kind.

A formal order was issued by the Post Office Department directing postmasters hereafter to refuse to accept parcel post packages for Germany, Austria and Hungary.

## OCEANIC STEAMSHIP CO.

**5½ DAYS TO SAN FRANCISCO**  
**FOR SAN FRANCISCO:**  
Sonoma ..... Dec. 28  
Sierra ..... Jan. 18  
Ventura ..... Feb. 8  
Sonoma ..... Feb. 29  
**FOR SYDNEY:**  
Sierra ..... Dec. 13  
Ventura ..... Jan. 3  
Sonoma ..... Jan. 24  
Sierra ..... Feb. 14  
**C. BREWER & COMPANY, LTD.,** General Agents

## Matson Navigation Company

**Direct Service Between San Francisco and Honolulu**  
**FROM SAN FRANCISCO:**  
S. S. Lurline ..... Dec. 14  
S. S. Wilhelmina ..... Dec. 21  
S. S. Manoa ..... Dec. 28  
Matsonia ..... Jan. 4  
**FOR SAN FRANCISCO:**  
S. S. Matsonia ..... Dec. 15  
S. S. Lurline ..... Dec. 21  
S. S. Wilhelmina ..... Dec. 29  
Manoa ..... Jan. 4  
**S. S. Hilonian, Seattle for Honolulu direct, November 13.**  
**CASTLE & COOKE, LIMITED, Agents, Honolulu**

## TOYO KISEN KAISHA

Steamers of the above company will call at and leave Honolulu on or about the dates mentioned below:  
**FOR THE ORIENT:**  
S. S. Chiyo Maru ..... Dec. 24  
S. S. Tenyo Maru ..... Jan. 14  
Nippon Maru ..... Jan. 29  
Shinyo Maru ..... Feb. 11  
**FOR SAN FRANCISCO:**  
S. S. Tenyo Maru ..... Dec. 21  
S. S. Nippon Maru ..... Jan. 6  
S. S. Shinyo Maru ..... Jan. 18  
Chiyo Maru ..... Feb. 15  
**CASTLE & COOKE, LIMITED, Agents, Honolulu**

**AMERICAN-HAWAIIAN S. S. CO.** THE PANAMA CANAL LINE  
A Steamer will be despatched from NEW YORK FOR HONOLULU and Pacific Coast Ports every TWENTY-FOUR DAYS via Straits of Magellan. From SEATTLE AND TACOMA, S. S. MINNESOTAN, to sail on or about December 13.  
For particulars as to rates, etc., apply to  
**C. P. MORSE,** General Freight Agent.  
**H. HACKFELD & CO., LTD.,** Agents.

**CANADIAN-AUSTRALIAN ROYAL MAIL LINE**  
Subject to change without notice.  
**For Victoria and Vancouver**  
Makura ..... Dec. 10  
Niagara ..... Jan. 7  
**For Suva, Auckland and Sydney**  
Makura ..... Dec. 29  
Niagara ..... Jan. 29  
**THEO. H. DAVIES & CO., LTD., GENERAL AGENTS**

**NOTICE.**  
Notice is hereby given that on and after December 15, 1915, the freight rate on general merchandise on all steamers of the Matson Navigation Company from San Francisco and Puget Sound ports to island ports of call, and from island ports of call to San Francisco and Puget Sound, will be increased from the present basis of \$3.50 per ton to \$4.00 per ton.  
Any additional information relative to classification of freight can be obtained by application at the office of our shipping department.  
**CASTLE & COOKE, LIMITED,**  
Agents, Matson Navigation Co.  
6334-12t

**LEGAL NOTICE**  
**IN THE CIRCUIT COURT OF THE First Judicial Circuit, Territory of Hawaii.** At Chambers.—In Probate. In the matter of the estate of Melisa Notley, deceased.

**NOTICE TO CREDITORS.**  
The undersigned, having been duly appointed administrator with the will annexed of the estate of Melisa Notley, deceased, hereby gives notice to all creditors of said deceased to present their claims duly authenticated and with proper vouchers, if any exist, even if the claim is secured by mortgage upon real estate, to him at his office, No. 97 Merchant street, Honolulu, Territory of Hawaii, within six months from date of the first publication of this notice, or within six months from the day they fall due, or the same will be forever barred, and all persons indebted to the said estate are hereby notified to make immediate payment to the undersigned as such administrator with the will annexed.  
Honolulu, T. H., November 30, 1915.  
**H. M. von HOLT,**  
Administrator with the Will Annexed of the Estate of Melisa Notley, deceased.  
Frear, Prosser, Anderson & Marx, attorneys for administrator.  
6334-Dec. 1, 8, 15, 22, 29.

## DO IT ELECTRICALLY

**Hawaiian Electric Co.**

**FREIGHT and TICKETS**  
Also reservations any point on the mainland.  
See WELLS-FARGO & CO. 72 S. King St. Tel. 1515

## OAHU RAILWAY TIME TABLE

**OUTWARD**  
For Waiwae, Waiwae, Kahuku and way stations: 9:15 a. m., \$3.20 p. m.  
For Pearl City, Ewa Mill and way stations: 7:30 a. m., 9:15 a. m., 11:30 a. m., 2:15 p. m., 3:30 p. m., 5:15 p. m., 7:30 p. m., 11:15 p. m.  
For Wahiawa and Lihue: 10:20 a. m., 12:40 p. m., 5:00 p. m., 11:00 p. m.  
**INWARD**  
Arrive Honolulu from Kahuku, Waiwae and Waiwae: 8:36 a. m., 5:21 p. m.  
Arrive Honolulu from Ewa Mill and Pearl City: 7:45 a. m., 8:36 a. m., 11:02 a. m., 1:40 p. m., 4:26 p. m., 5:31 p. m., 7:30 p. m.  
Arrive Honolulu from Wahiawa and Lihue: 9:15 a. m., 1:55 p. m., 4:01 p. m., 7:10 p. m.  
The Haleiwa Limited, a two-hour train (only first-class tickets honored) leaves Honolulu every Sunday at 8:58 a. m., for Haleiwa hotel; returning arrives in Honolulu at 10:10 p. m. The Limited stops only at Pearl City and Waiwae.  
\*Daily, except Sunday. Sunday only, G. P. DENISON, F. C. SMITH, Superintendant, G. P. A.  
A note found on the body of a man killed by a freight train at Lewiston Junction Me., indicated that the victim was George Jackson, 21 years old, of Boston.  
Gaetano Quarando, of Brooklyn, attempted to commit suicide by leaping off the Manhattan Bridge. He was felled in his attempt when his foot caught the railing and electricians working nearby hauled him back.

**Star Bulletin**  
\* \* Ads

**GET RESULTS because they reach not one class but THE ENTIRE READING PUBLIC**